



ISSN : 3121-8210

GUIDE FOR AUTHORS

Aim and Scope

The journal is an official publication of the Faculty of Life Sciences, University of Ilorin and publishes original research and review articles in the fields of Biological and Allied Sciences. It is an open access, peer-reviewed journal and online. The aim is to provide an international forum to inform the academic and research world of new ideas, innovations and developments in the fields. The journal publishes original articles in all areas of Biological and Allied Sciences. These include Agricultural Science, Anatomy, Biochemistry, Bioengineering/Biomedical Engineering Bioinformatics, Biophysics, Biotechnology, Biostatistics/Biometry, Cell Biology and Genetics, Ecology, Environmental Science, Epidemiology and Public Health, Immunology, Marine Biology/Oceanography, Microbiology, Molecular Biology, Neuroscience, Nursing, Optometry and Vision Sciences, Palentology, Pharmacology, Pharmaceutical Sciences, Physiology, Phytomedicine, Plant Biology/Botany, Taxonomy and Systematics, Toxicology, Veterinary Medicine and Zoology/Animal Biology

Manuscript Requirement

Authors are to submit manuscript online at jobas@unilorin.edu.ng. The manuscript should be accompanied with a covering letter indicating the function or contribution of all authors. Manuscripts should bear the author's full names and addresses while the corresponding author's name should be asterisked and address, phone number and email should be indicated.

Manuscript Preparation

Manuscripts should be written in good English. The manuscript should be typed double-spaced as Microsoft word document using Times New Roman, font size 12. The paper size should be A4 with a margin of 1.5 cm on all four sides. All figures and tables should be placed at the end of the text. The manuscript should be divided into sections and subheadings namely, Title Page, Abstract, Introduction, Materials and Methods, Results, Discussion, Conclusion, Acknowledgements (if applicable), Ethical Statement, Conflict of Interests and References.

Title Page

The title page must contain the title of the study and the name(s) of the author(s) with affiliation(s). The title must be clear, succinct, in sentence case and boldly typed. Biological names in the title must be in tandem with taxonomic rules. Surname(s) of the author(s) with initial(s), an active e-mail address and ORCID number of the corresponding author must be provided.

Abstract

Abstract for research article and review papers must not exceed 300 words and for short communication not more than 150 words. The abstract should be structured containing Introduction, aim of the work, materials and methods, results, discussion and conclusion (in that order) and must be in a single paragraph. The aim of the work must be clearly stated, the materials and methods must be briefly described, the results must be concisely reported and conclusion must be evidently informative.

Keywords

Authors are to provide 4-5 keywords. Each keyword must be separated with comma and arranged in an alphabetical order. Keywords should not include any word in title.

Introduction

This must contain comprehensive and recent literatures to provide background information on the subject. Statement of the problem, justification, aim and objectives of the study must be clearly stated without any obscurity.

Materials and Methods

Sufficient information on experimental procedures must be highlighted. Standard methods or those that were already published must be appropriately referenced. Any research work involving humans and animals must comply with established standard and the researchers must obtain ethical clearance from respective Ethical Clearance Committees prior to the commencement of the work. The manuscript must capture the name of the institution that issues the ethical clearance certificate and the permit number must be stated. Experimental design and methods of data analysis must be clearly explained.

Results

The results must be reported in past tense and in a logical sequence as stated in Materials and Methods. During interpretation of results, references must be made to all the tables, figures, plates, flowcharts and any other illustration stated in the manuscript.

Discussion

The results of the research work should not be repeated but must be discussed logically using previous and recent findings.

Conclusion

This section should summarize the important findings and inferences.

Acknowledgement

The author(s) can acknowledge those who have contributed either by rendering technical or financial supports.

Conflict of Interest

The author(s) should declare clearly if there is any conflict of interest.

Author contributions: CRediT

Corresponding authors are required to acknowledge co-author contributions using CRediT (Contributor

Roles Taxonomy) roles: (i) Conceptualization; (ii) Data curation; (iii) Formal analysis; (iv) Funding acquisition; (v) Investigation; (vi) Methodology; (vii) Project administration; (viii) Resources; (ix) Software; (x) Supervision; (xi) Validation; (xii) Visualization; (xiii) Writing – original draft and (xiv) Writing – review and editing. Authors are at liberty to select whichever is applicable.

References

It is highly preferable to use recent references. In-text citation must be by number in square bracket e.g. [1], [3,4], [5-10], etc. The list of references must be arranged in order as they are numbered in the text. The following are the acceptable format for the reference:

- a) Research journal article: Adeyemo, A. A., Richard, W. L. and Muhammad, N. T. (2021). Antimicrobial properties of *Azadirachta indica* (A. Juss.). *Journal of Biological Sciences*, 3(4): 123-129. Book: Babatunde, T. (2020). *Principles of Biochemistry*. First Edition. Longman Publisher, New York.
- b) Chapter in a Book: Ahmad, R. B. and Emmanuel, J. C. (2019). Secondary metabolites in mushrooms. In: Garuba, T. and Paul, Z. O. (Eds.), *Health Benefits of Mushrooms*. Diamond Publishing House, Abuja, pp. 653-701.
- c) E-Book/Online Document: Peter, E. L. O. (2020). *Importance of water*. Available online at <http://bioweb.org/articles/1/61/16/111>. Accessed 17-12-2020.
- d) Thesis/Dissertation: Wright, G. (2018). Molecular characterization of fungi. Dissertation/Thesis, Department of Microbiology, University of Ilorin, Ilorin.
- e) Tables, Figures, Plates and other Data Representation Methods: All tables, figures and plates must be numbered in sequence as they appear in the text. The title of each table must be placed above it and footnotes must be concisely written. Vertical lines and horizontal lines must be avoided (except for the heading and bottom line where horizontal lines will be retained). The title of the figure, plate, diagram and flowchart must be placed below it with short descriptive information including legend.

Manuscript Submission

The manuscript and a covering letter must be attached as and submitted to jobas@unilorin.edu.ng

Publication Charges

Author(s) must pay a non-refundable handling fee of N5, 000 (10 USD) per manuscript. The bank teller or any other evidence of payment should be submitted along with the manuscript. Upon acceptance of the manuscript, publication charges will be paid by the author(s). All charges are payable to the following account details:

Bank Name: United Bank for Africa

Account Name: Journal of Biological and Allied Sciences

Account Number: 1024790890

For Enquires:

The Editor-in-Chief,

Prof. M. T. Yakubu,

Department of Biochemistry,

University of Ilorin, Ilorin, Nigeria

+234 (0) 8037544437

jobas@unilorin.edu.ng